The Johns Hopkins Vaccine Initiative
Vaccine Day 2009

* denotes student posters eligible for the poster competition

1. *Acquired Immunity to Sindbis Virus Infection in the Yellow Fever mosquito Aedes aegypti
   Clayton, John.

   with evidence of gene reassortment between human and animal rotaviruses
   Grant, Lindsay

3. *Epidemiologic and clinical features of enteric viruses associated with acute gastroenteritis among
   Navajo and White Mountain Apache Tribe infants
   Grant, Lindsay

4. *In utero exposure to maternal schistosomiasis modulates both acute and memory cellular and
   humoral immune responses to vaccines
   Allison Cory Brown

5. *Rotavirus Vaccines in India: Cost Effectiveness and Policy Implication
   Smisha Agarwal

6. *Route of Immunization Influences the Induction of Humoral, Cellular and Protective Immunity by
   Live Attenuated Measles Vaccine in Rhesus Macaques
   Wen-Hsuan Lin, Chien-Hsiung Pan, Robert J. Adams and Diane E. Griffin

   Andrew Mirelman, Jenna Libersky

8. *Immune Response to Seasonal Influenza Vaccination
   Amritha Ramakrishnan, Keri Altoff, Andrew Pekosz, Jay Bream

9. *Naturally-Acquired and Vaccine-Induced Protective Immunity and Antibody Persistence to
   Haemophilus influenzae Type b (Hib) in Malian Children. Serological Assessment of the Recently
   Implemented Hib Vaccine Schedule in Mali.
   Julia Hutter

10. *Migration and Residency of Malaria Specific CD8+ T cells in Liver
    Sze-Wah Tse, Ian Cockburn, Yun-Chi Chen and Fidel Zavala

11. *Will Bangladesh benefit from the introduction of Pneumococcal vaccination? – A cost
    effectiveness analysis
    Diwakar Mohan, Damian Walker

12. *A Generalized Decision Tree Cost-Effectiveness Model to Guide Enteric Vaccine Development: A
    Case Study of Cholera in Bangladesh
    John Linnehan

13. *Do developing country policies sufficiently address the problem of child pneumonia? An
    international comparison of childhood pneumonia policies on treatment and prevention in high-
    burden countries
    Diana Harper, Lois Privor-Dumm, Britt Julia Sandler, Rose Reis

14. *Summary of Meta-analyses of Pneumococcal Conjugate Vaccine Efficacy
    Gilani, Zunera

15. *Effect of food coupon incentives on timely completion of DTP immunization series in children
    from a low-income area in Karachi, Pakistan: A longitudinal Intervention Study
    Chandir S, Khan AJ, Hussain H, Usman HR, Khowaja S, Halsey NA, Omer SB

16. *Protection Versus Pathology from Influenza Caused by Heightened Immunity in Females
    Dionne P. Robinson, Jenifer Kaplan, Maria E. Lorenzo, Sabra L. Klein
17. *Sex Differences in Protective Immunity Against Influenza A Viruses*
   María E. Lorenzo, Dionne P. Robinson, Andrew Pekosz, and Sabra L. Klein

18. *Migration of* *P. berghei* *sporozoites to the draining lymph node is required for CD8+ T cell priming*
   Andrea J. Radtke, Sze-Wah Tse, Yun-Chi Chen, Photini Sinnis, Fidel Zavala, Ian Cockburn

19. *Do increases in immunization coverage and increases in equity go hand-in-hand? A review of the evidence*
   Benjamin Johns, Damian G Walker, David Peters

20. Aminopeptidase N: A candidate antigen for a mosquito-based malaria transmission-blocking vaccine
   Annan Z, Morlais I, Fontenille D, Jacobs-Lorena M, Sattabongkot J, Dinglasan RR

21. Clinical development of the NIH live attenuated tetravalent dengue virus vaccine candidate

22. Carboxy-terminal additions to the M2 protein abrogate Influenza A virus replication on primary, differentiated mouse trachea epithelial cell cultures.
   Wu, Wai-Hong

23. A large multicenter trial of an inactivated novel H1N1 vaccine
   Kim Boucher, Bridget McMahon, Kawsar Talaat, Ruth Karron

24. Immune Responses in Volunteers Challenged with Enterotoxigenic *E. coli*
   Subhra Chakraborty, Andrea Feller, Fatuma Mawanda, Barbora Hnizda, Clayton Harro, Barbara DeNearing, Alicia Marcum, August Bourgeois, Richard Walker, Anna Lundgren, Ann-Mari Svennerholm, and David Sack

   Wonodi CB, HajjehRana, Afifi S, Knoll MD, Levine OS, Pimentel G.

26. Multicenter bacterial meningitis sentinel surveillance in Indian infants.
   Sean Fitzwater, Aruna Chandran, Mathuram Santosham

27. Relative invasiveness of pneumococcal serotypes in Native American children less than five years old

28. Maternal influenza vaccination and its impact on influenza among Navajo and White Mountain Apache infants from birth to 6 months of age
   Angelia A, Eick, Tim Uyeki, Alexander Klimov, Henrietta Hall, Ray Reid, Mathuram Santosham, Katherine L. O'Brien


30. Interactive Alerts for Childhood Pneumonia
   Aamir Khan, Hamidah Hussain, Saira Khowaja, Shama Mohammed, Omar Allawala, Julia Irani, Murtaza Taiyeb, Owais Ahmed Saad Omer, Neal Halsey

31. Effectiveness of *Haemophilus influenzae* type b vaccine without a booster dose in Guatemalan Children
   Edwin J. Asturias, Larry Moulton, Elizabeth Holt, Neal A. Halsey, Guatemalan Invasive Bacterial Surveillance Group

32. Presentation of CD8+ epitopes in the CS protein of *P. berghei* is TAP dependent but does not require host cell targeting (PEXEL) motifs
   Ian A. Cockburn, Sze-Wah Tse, Andrea Radtke, Yun-Chi Chen, Photini Sinnis, Fidel Zavala